

FIG. 3

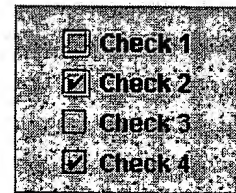
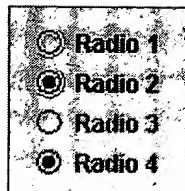
FIG. 4(a)  
(PRIOR ART)FIG. 4(b)  
(PRIOR ART)FIG. 4(c)  
(PRIOR ART)

FIG. 50 6382860

206

204

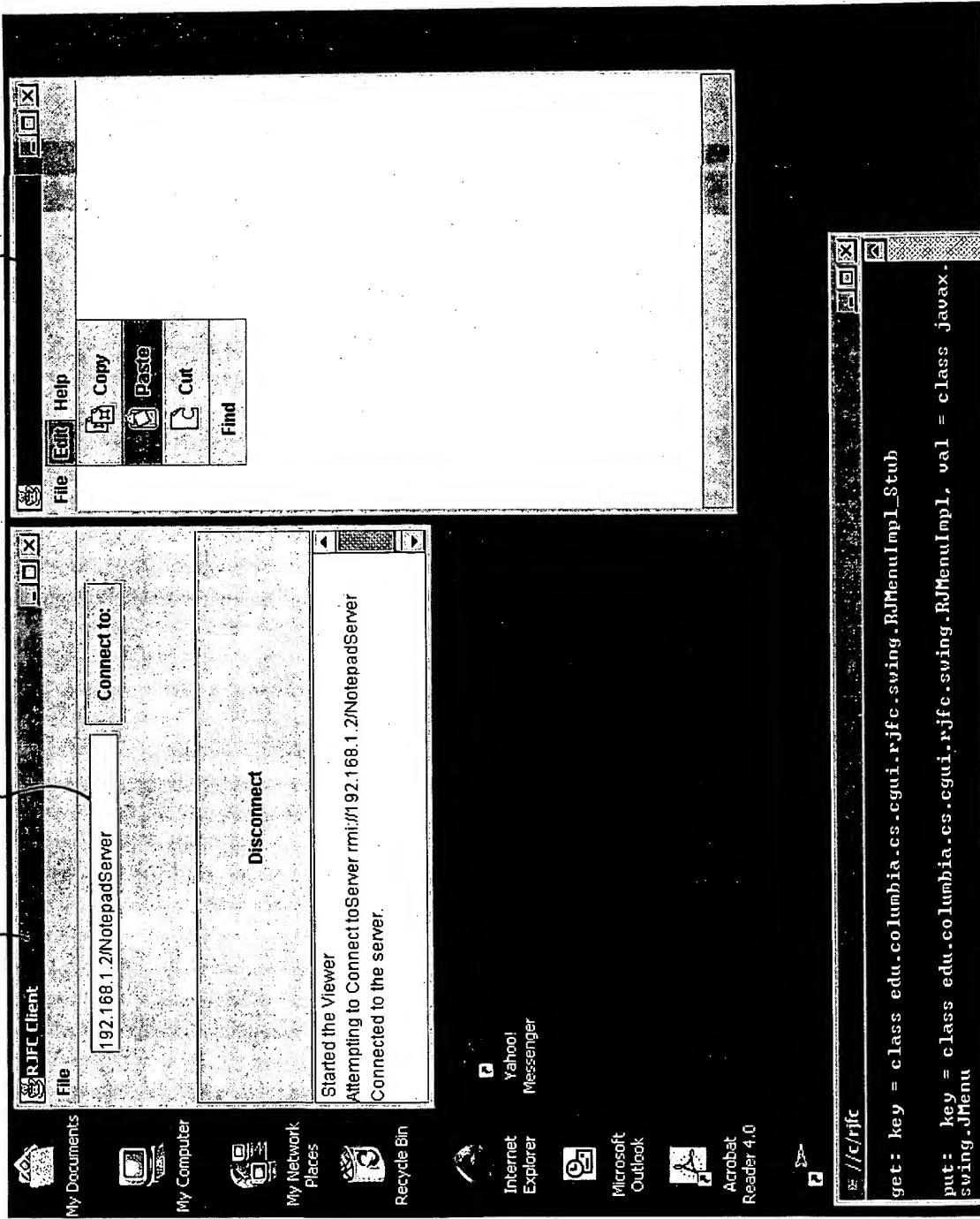


FIG. 5

200

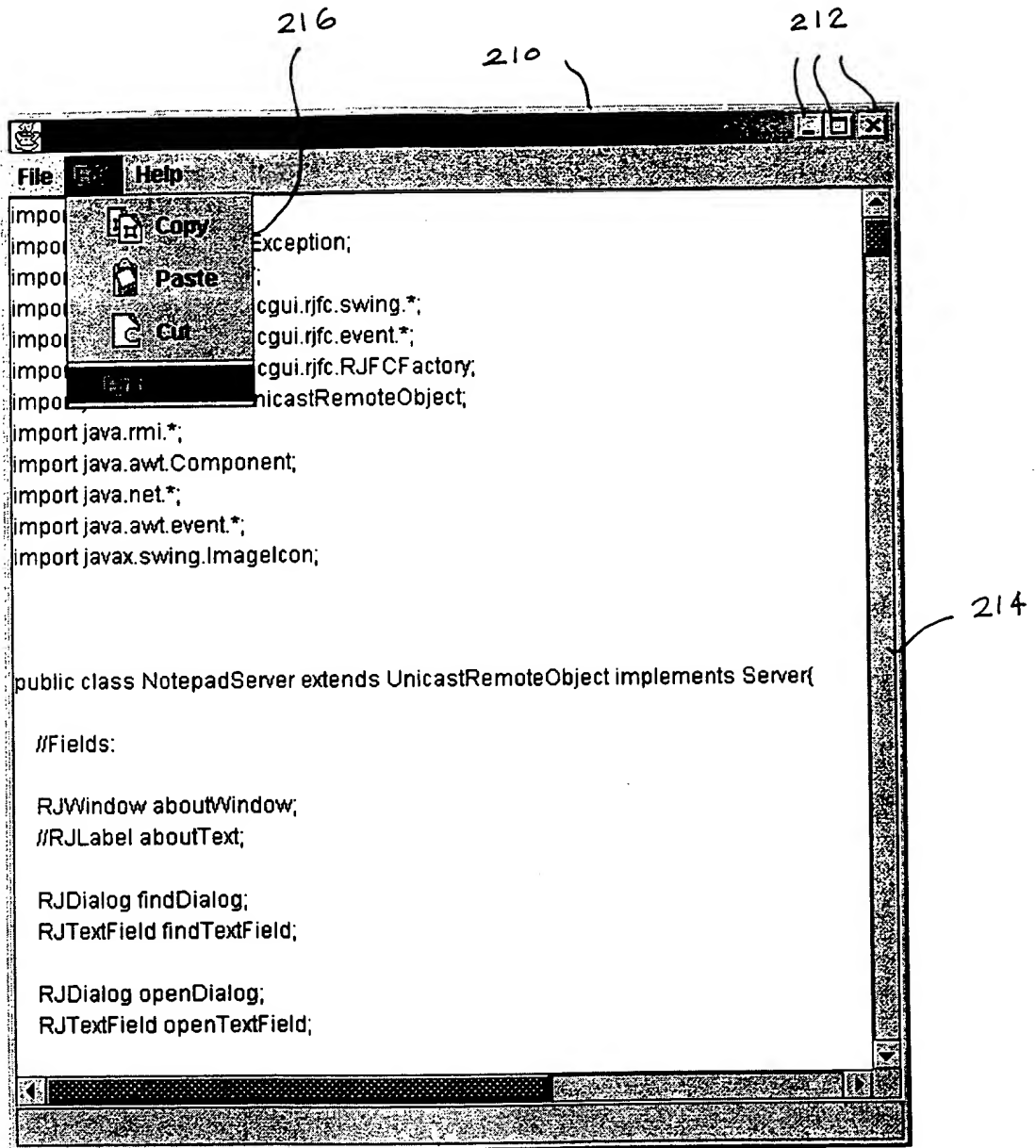
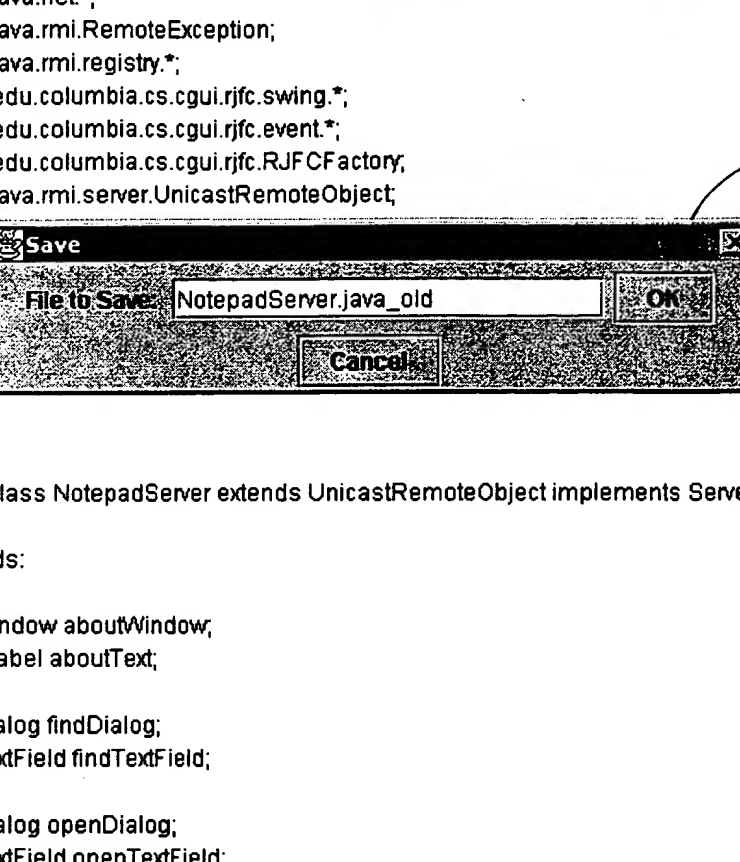


FIG. 6(a)



The screenshot shows a Java IDE window with a menu bar (File, Edit, Help) and a code editor. A 'Save' dialog box is open, partially obscuring the code. The dialog box has a title bar with a save icon and the word 'Save'. It contains a text field labeled 'File to Save:' with the text 'NotepadServer.java\_old'. There are 'OK' and 'Cancel' buttons. The code in the background is as follows:

```
import java.net.*;
import java.rmi.RemoteException;
import java.rmi.registry.*;
import edu.columbia.cs.cgui.rjfc.swing.*;
import edu.columbia.cs.cgui.rjfc.event.*;
import edu.columbia.cs.cgui.rjfc.RJFCFactory;
import java.rmi.server.UnicastRemoteObject;
import
import
import
import
import

public class NotepadServer extends UnicastRemoteObject implements Server{

//Fields:

RJWindow aboutWindow;
//RJLabel aboutText;

RJDialog findDialog;
RJTextField findTextField;

RJDialog openDialog;
RJTextField openTextField;
```

218

FIG. 6(b)

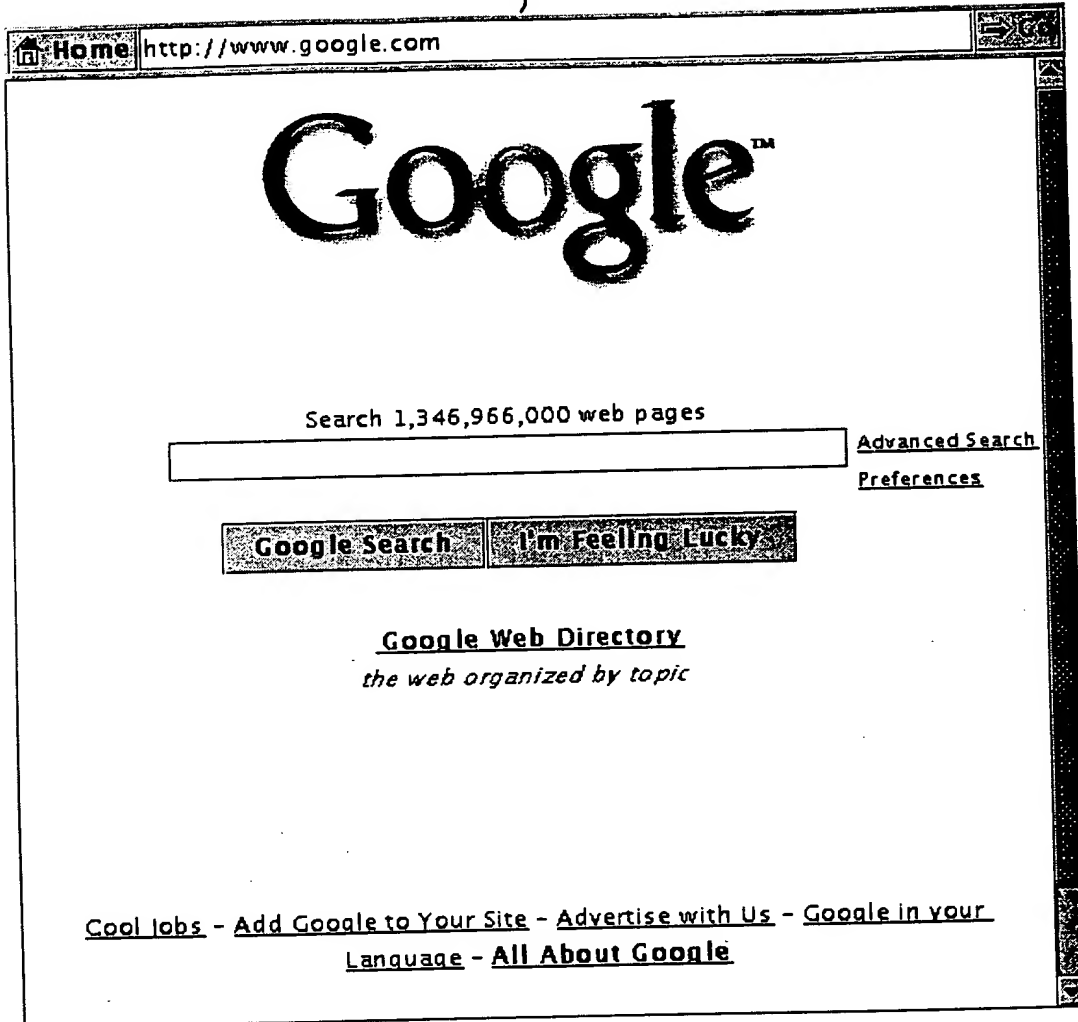


FIG. 7

240  
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[illegible]

FIG. 8

```

public void registerDisplay(RJFrame d,
    RJFCFactory f) throws RemoteException {

    RJTextArea TheArea = f.getRJTextArea(20,20);
    TheArea.addKeyListener(new
        TextAreaKeyListener());

    RJScrollPane Pane = f.getRJScrollPane();
    Pane.setViewportView(textArea);

    RJTextField StatusBar = f.getRJTextField();
    StatusBar.setEditable(false);

    RContainer rc = d.getContentPane();
    rc.setLayout(new BorderLayout());
    rc.add(StatusBar, BorderLayout.SOUTH);
    rc.add(CreateMenu(), BorderLayout.NORTH);
    rc.add(Pane, BorderLayout.CENTER);
}

```

FIG. 9(a)

```

public MyJFrame() extends JFrame {

    JTextArea TheArea = new JTextArea(20,20);
    TheArea.addKeyListener(new
        TextAreaKeyListener());

    JScrollPane Pane = new JScrollPane();
    Pane.setViewportView(textArea);

    JTextField StatusBar = new TextField();
    StatusBar.setEditable(false);

    Container c = this.getContentPane();
    c.setLayout(new BorderLayout());
    c.add(StatusBar, BorderLayout.SOUTH);
    c.add(CreateMenu(), BorderLayout.NORTH);
    c.add(Pane, BorderLayout.CENTER);
}

```

FIG. 9(b)  
(PRIOR ART)